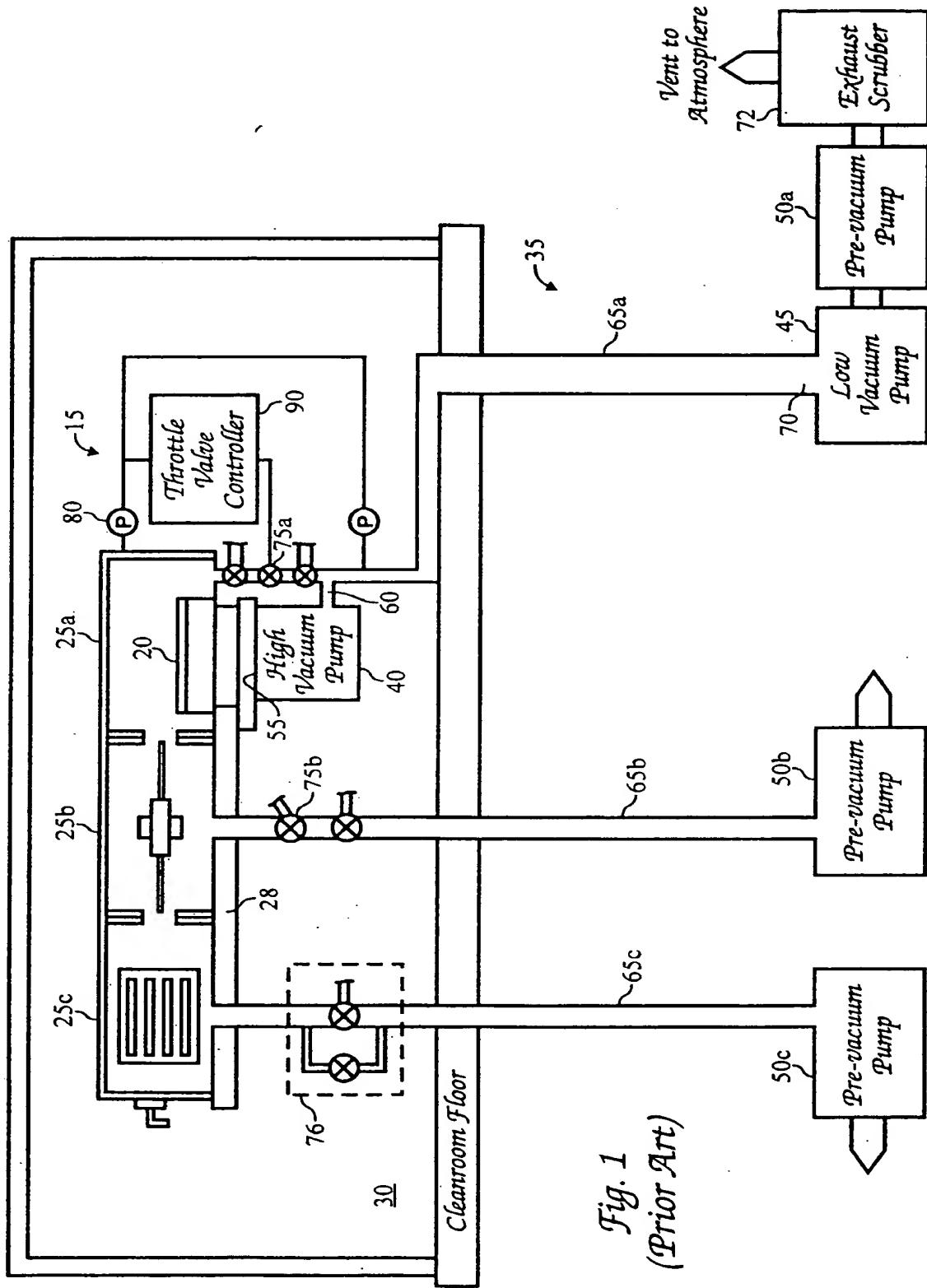




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 U.S. SERIAL NO.: 09/220,153 CONF. NO.: 3858
 FILED: DECEMBER 23, 1998
 APPLICANT: APPLIED MATERIALS, INC.
 TITLE: PROCESSING APPARATUS HAVING INTEGRATED
 PUMPING SYSTEM
 INVENTOR: REIMER, ET AL. PAGE 1 of 12

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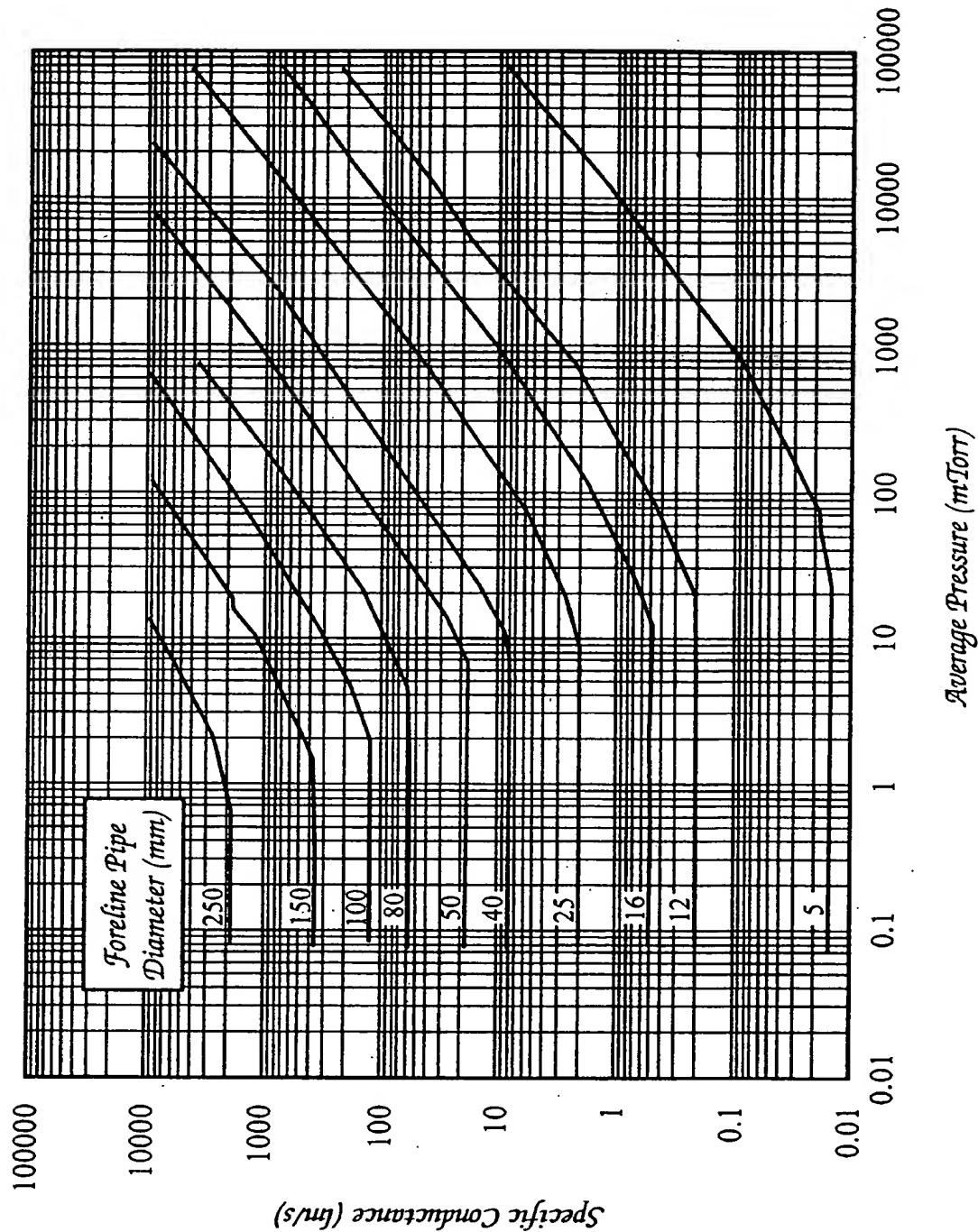


Fig. 3

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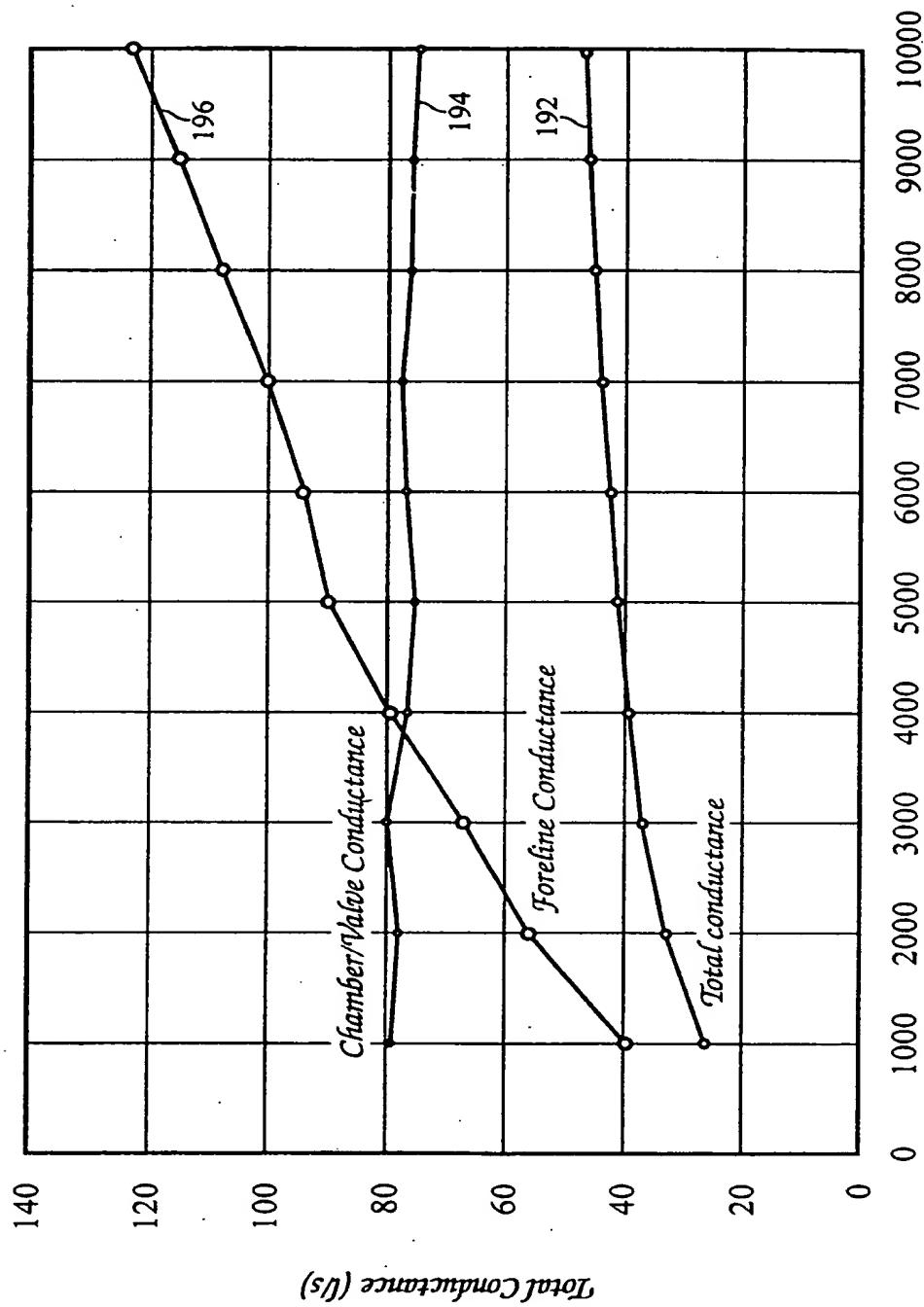


Fig. 4

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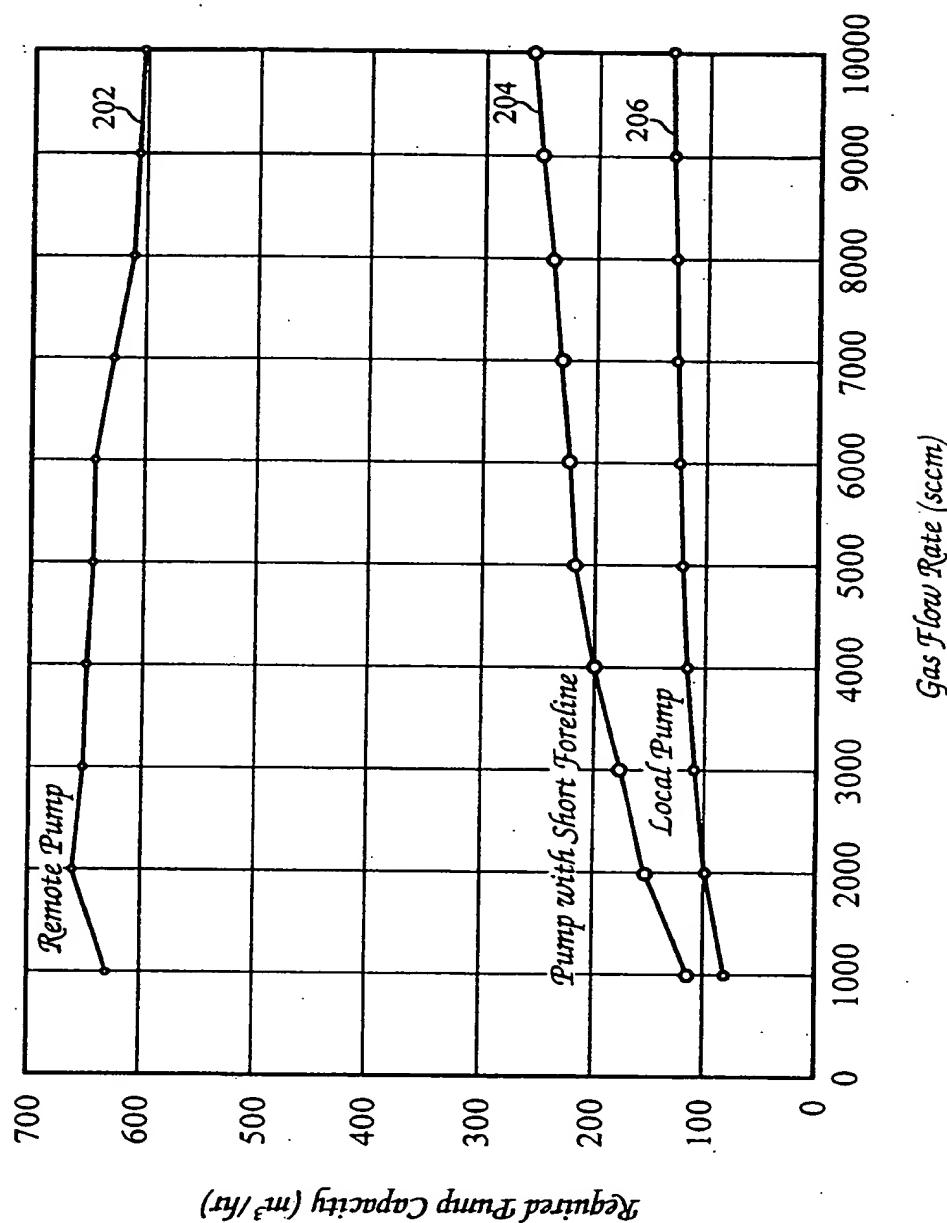


Fig. 5

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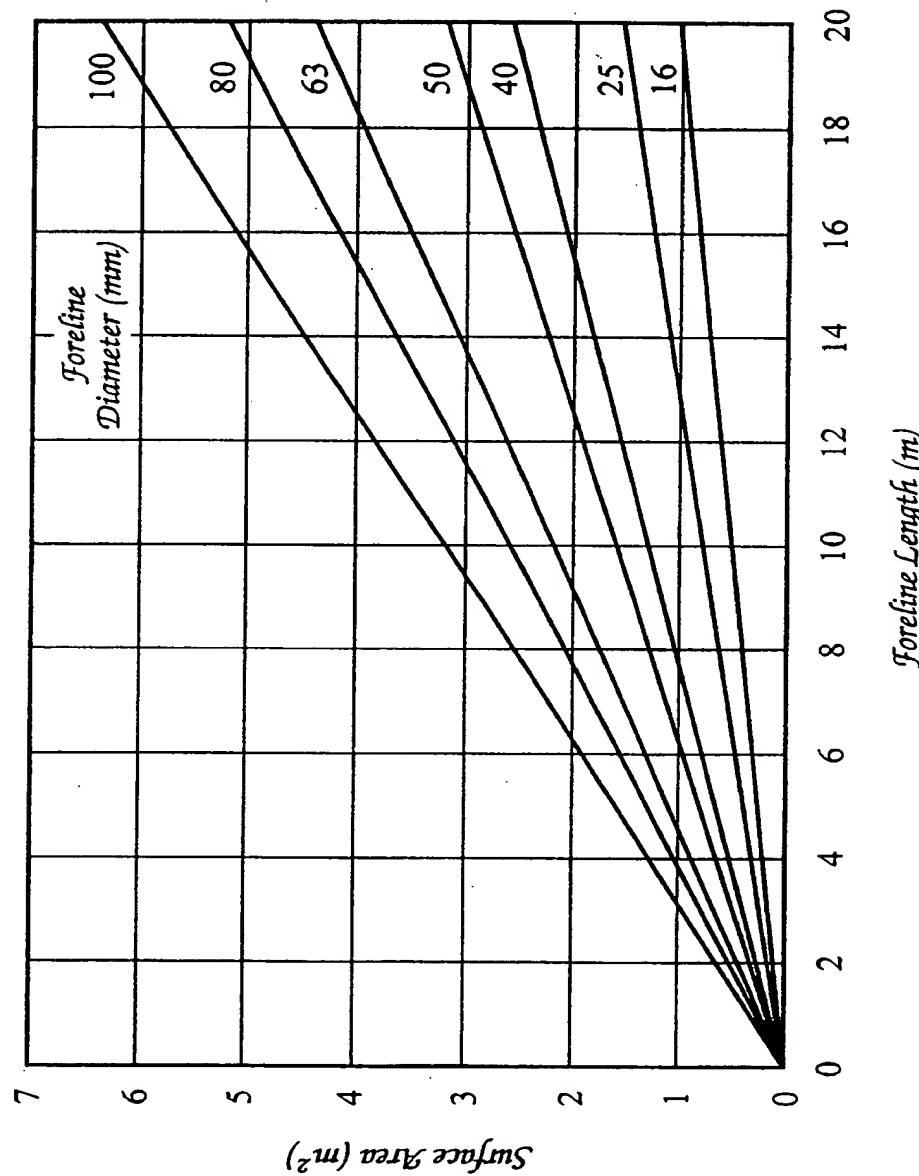


Fig. 6

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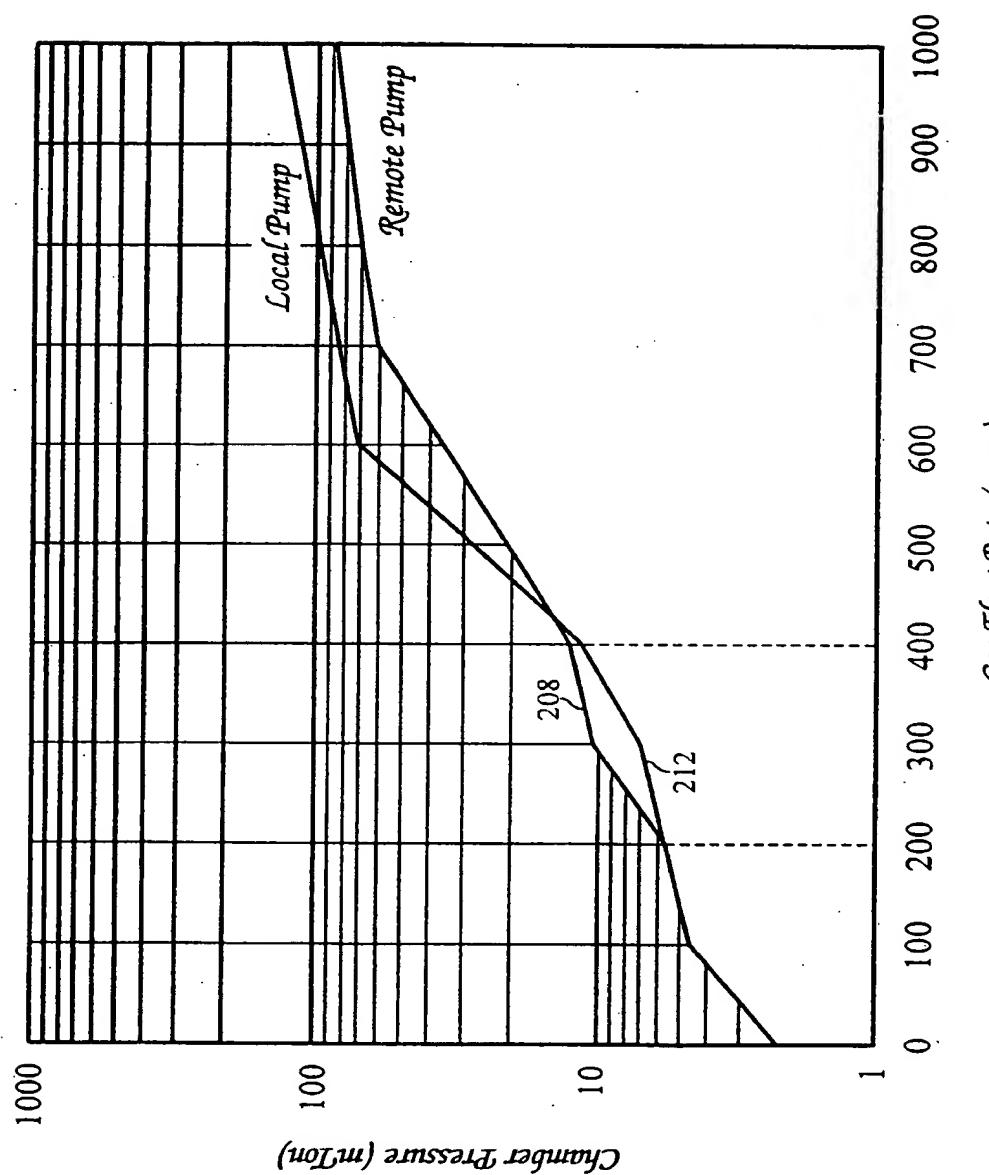


Fig. 7

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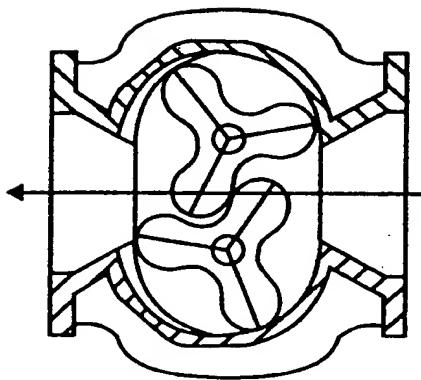


Fig. 8b

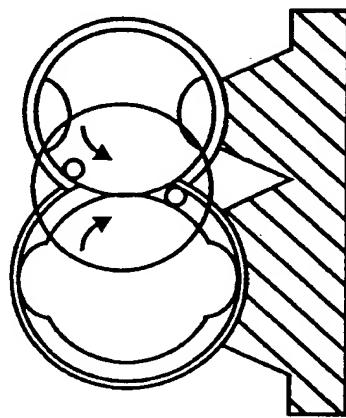


Fig. 8d

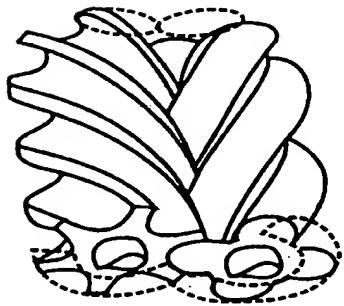


Fig. 8a

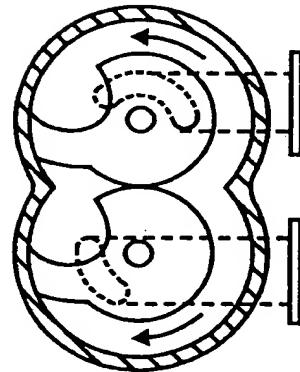
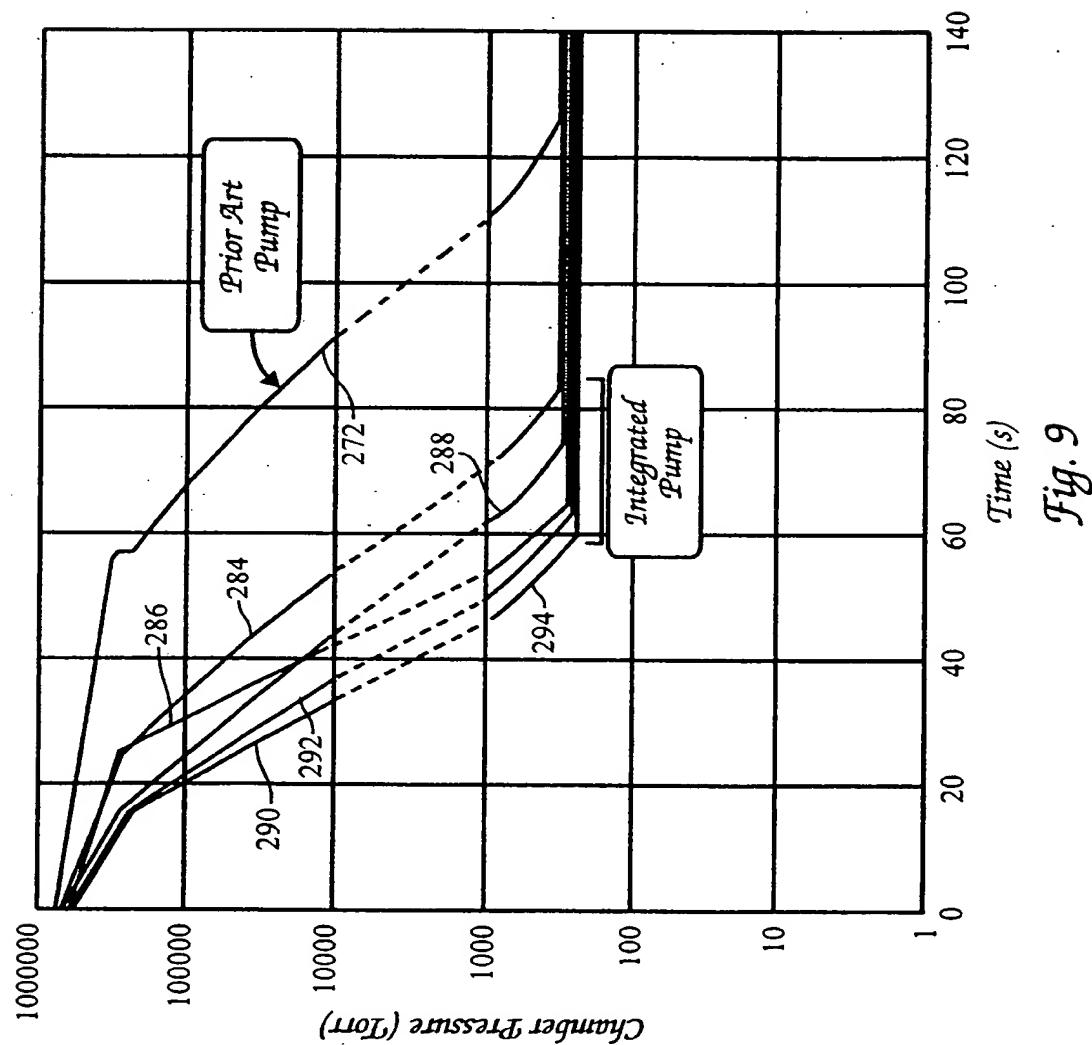
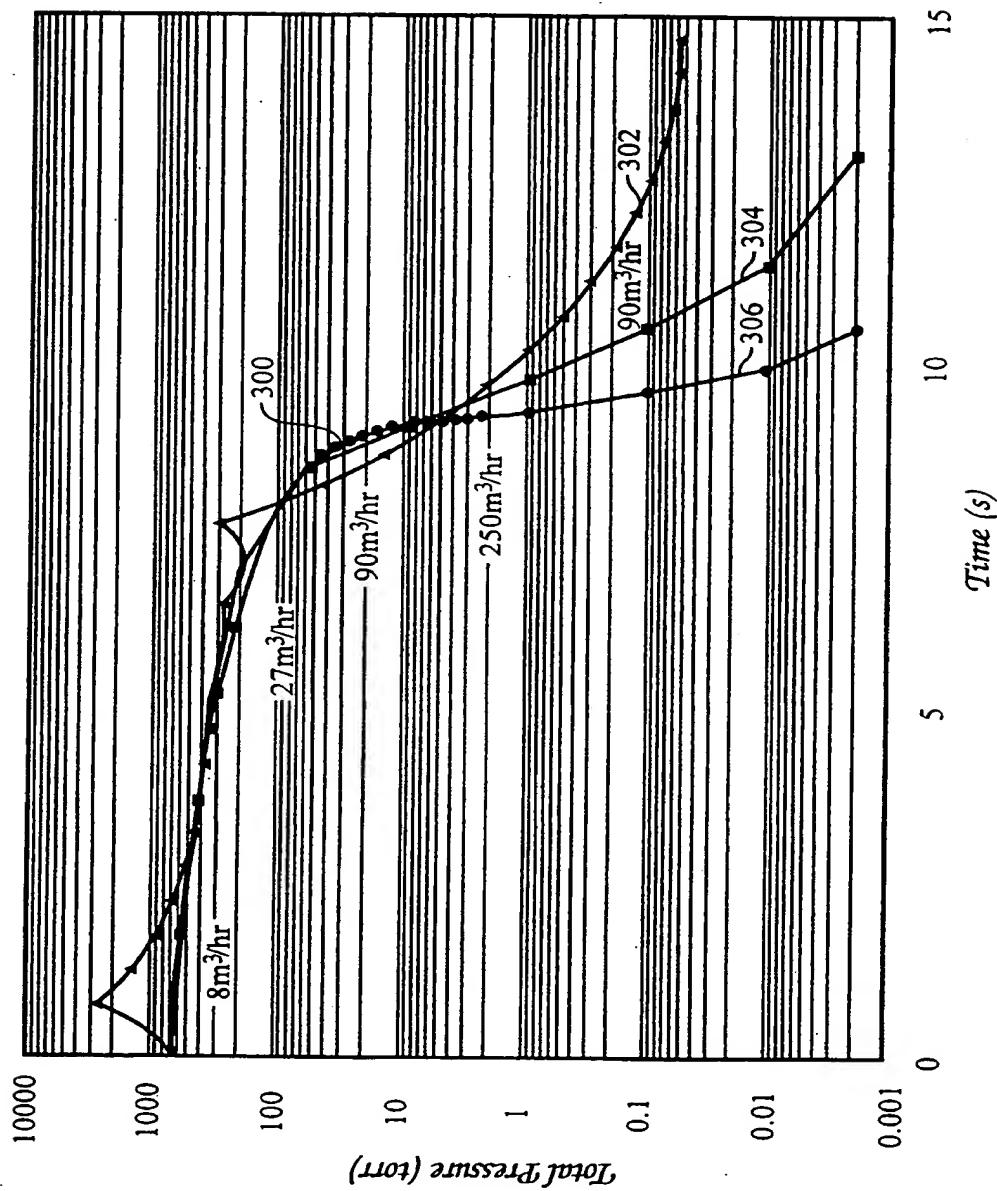


Fig. 8c

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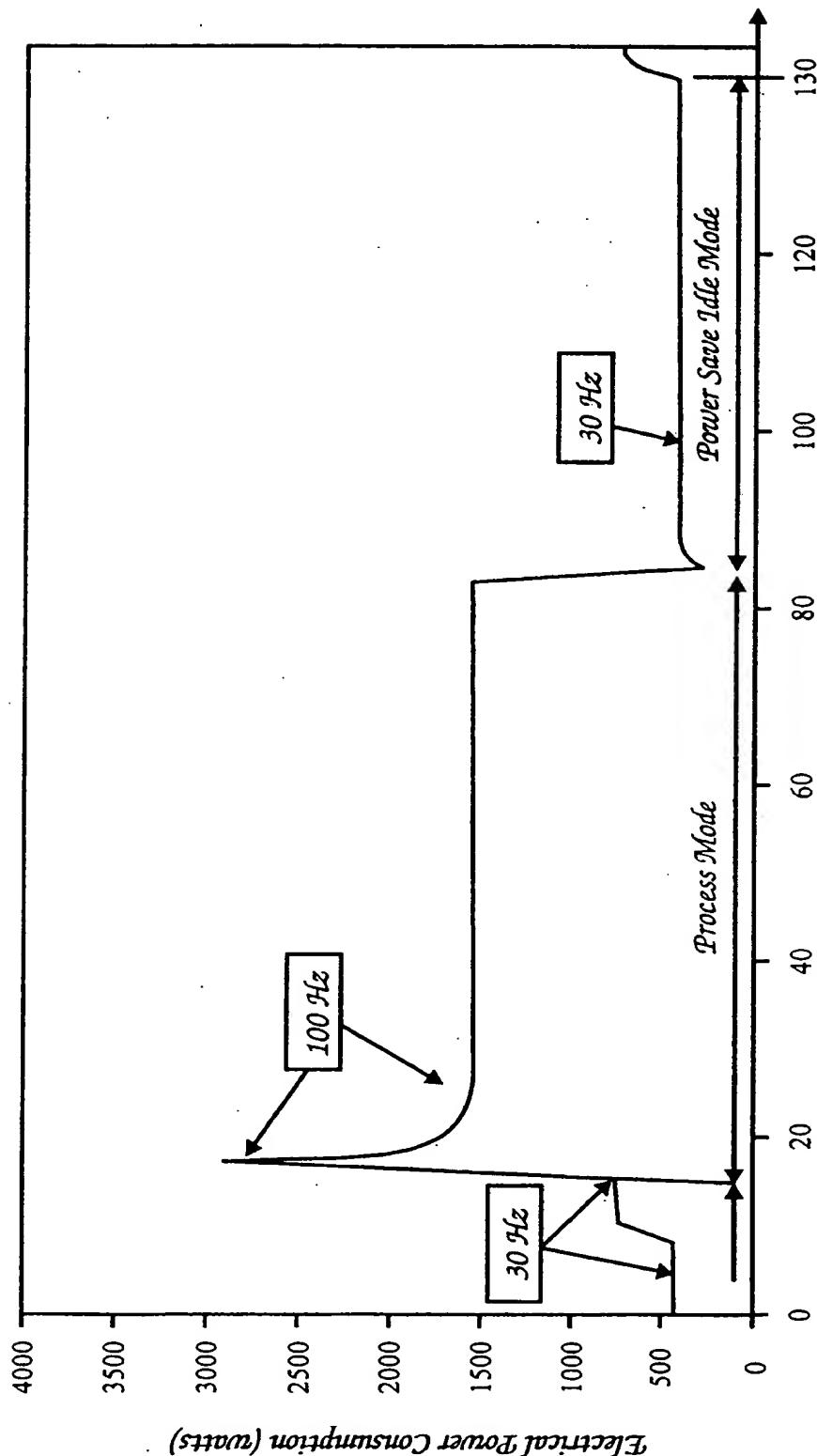


Fig. 11

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